Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 20/10/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Removing and resetting of footpath slab						
	2nd Bill						
	RK Hegdenagara						
	1st Main Rd RHS						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	1.20		36.00	
		1	4.00	1.20		4.80	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	1.20		36.00	
	Culvert	1	2.00	1.20		2.40	
		1	7.10	1.80		12.78	
					Present Qty	**91.98**	**Sqm**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

AARTN ASSOCIATES BANGALORE DATE

Consultant

Asst. Engineer

Asst. Exec. Engineer

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 23/10/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling brick/Tile work B. In cement mortar						
	2nd Bill						
	RK Hegdenagara						
	1st Main Rd RHS						
	Connecting from 7th Cross to 8th Cross Rd						
	COPING CONCRETE						
		2	30.00	0.45	0.20	5.40	
	Connecting from 8th Cross to 9th Cross Rd	2	4.00	0.45	0.20	0.72	
	COPING CONCRETE						
		2	30.00	0.45	0.20	5.40	
		2	2.00	0.45	0.20	0.36	
					Present Qty	**11.88**	**Cum**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

AARTH ASSOCIATES DATE BANGALORE

Consultant

Asst. Engineer

Asst. Exec. Engineer

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Measurement Recorded On: 23/10/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar						
	Connecting from 7th Cross to 8th Cross Rd						
		2	30.00	0.45	0.60	16.20	
	Connecting from 8th Cross to 9th Cross Rd	2	4.00	0.45	0.60	2.16	
		2	30.00	0.45	0.60	16.20	
	Culverts	2	2.00	0.45	0.60	1.08	
	Main Road - 8th Cross —						
	1st cross shabarinagar	2	7.10	0.45	0.80	5.11	
	1st cross shabarinagar	2	6.00	0.45	0.80	4.32	
		2	4.00	0.45	0.80	2.88	
					Present Qty	**47.95**	**Cum**

Limited to 18.48

C&E

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AARTH ASSOCIATES

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 25/10/21, 06/02/22 and 28/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3						
	2nd Bill						
	RK Hegdenagara						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	0.60	0.60	10.80	
		1	4.00	0.60	0.60	1.44	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	0.60	0.60	10.80	
		1	2.00	0.60	0.60	0.72	
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	1.50	0.90	40.50	
		1	4.00	1.50	0.90	5.40	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	1.50	0.90	40.50	
		1	2.00	1.50	0.90	2.70	
	9th Cross Rd						
	LHS						
		1	30.00	1.10	0.90	29.70	
		1	30.00	1.10	0.90	29.70	
		1	10.00	1.10	0.90	9.90	
	Culvert Gap	1	5.70	1.10	0.90	5.64	
		1	9.20	1.10	0.90	9.11	
	Culbvert Gap	1	9.00	1.10	0.90	8.91	
		1	9.20	1.10	0.90	9.11	
	Culvert Gap	1	2.70	1.10	0.90	2.67	

217.60

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

AARTIN ASSOCIATES BANGALORE

Consultant

Asst. Engineer

Asst. Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Culvert Gap	1	12.40	1.100	0.90	12.238	
		1	3.20	1.100	0.90	3.17	
		1	7.50	1.100	0.90	7.43	
		1	1.40	1.100	0.90	1.389	
		1	9.60	1.100	0.90	9.50	
	Shabari Nagara		139.90				
	1st Cross Rd						
	LHS						
		1	11.000	1.200	1.200	15.84	
		1	6.000	1.200	1.200	8.64	
		1	30.000	1.200	1.200	43.20	
		1	26.000	1.200	1.200	37.44	
		1	12.000	1.200	1.200	17.28	
		1	12.000	1.200	1.200	17.28	
		1	12.000	1.200	1.200	17.28	
		1	30.000	1.200	1.200	43.20	
		1	7.000	1.200	1.200	10.08	
	Culvert Gap	1	6.000			0.00	
		1	30.000	1.200	1.200	43.20	
		1	30.000	1.200	1.200	43.20	
		1	10.000	1.200	1.200	14.40	
	Culvert		222.00				
		1	7.10	2.10	1.00	14.91	
	Shabari Nagara						
	1st Cross Rd						
		1	6.00	1.80	1.20	12.96	
		1	4.00	1.80	1.20	8.64	
					Present Qty	598.91	Cum

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 30/10/21, 10/2/21, 20/06/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	KSRRB M2100-10: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM of machinery, curing, formworks, scaffolding and centering complete as per specifications						
	2nd Bill						
	RK Hegdenagara						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	1.20	0.15	5.40	
		1	4.00	1.20	0.15	0.72	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	1.20	0.15	5.40	
		1	2.00	1.20	0.15	0.36	
	9th Cross Rd						
	LHS						
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	10.00	1.10	0.15	1.65	
		1	5.70	1.10	0.15	0.94	
		1	9.20	1.10	0.15	1.52	
		1	9.00	1.10	0.15	1.49	
		1	9.20	1.10	0.15	1.52	
		1	2.70	1.10	0.15	0.45	
		1	12.40	1.10	0.15	2.05	
		1	3.20	1.10	0.15	0.53	
		1	7.50	1.10	0.15	1.24	
		1	1.40	1.10	0.15	0.23	
		1	9.60	1.10	0.15	1.58	
	Shabari Nagara						
	1st Cross Rd						
	LHS						
		1	11.00	1.20	0.15	1.98	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

MARTIN ASSOCIATES BANGALORE
Consultant

Asst. Engineer

Asst. Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	6.00	1.20	0.15	1.08	
		1	30.00	1.20	0.15	5.40	
		1	26.00	1.20	0.15	4.68	
		1	12.00	1.20	0.15	2.16	
		1	12.00	1.20	0.15	2.16	
		1	12.00	1.20	0.15	2.16	
		1	30.00	1.20	0.15	5.40	
	Culvert Gap	1	7.00	1.20	0.15	1.26	
		1	6.00			0.00	
		1	30.00	1.20	0.15	5.40	
		1	30.00	1.20	0.15	5.40	
	Culvert	1	10.00	1.20	0.15	1.80	
		1	7.10	2.10	0.20	2.98	
	Shabari Nagara						
	1st Cross Rd						
		1	6.00	1.80	0.20	2.16	
		1	4.00	1.80	0.20	1.44	
					Present Qty	**80.43**	**Cum**

35.96

limited to 80.76

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

AARTH ASSOCIATES
Consultant
BANGALORE

Asst. Engineer

Asst. Exec. Engineer

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Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 6/11/21, 16/2/22 & 10/6/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing laying palin / reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300kgs with 20mm and downsize granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering shuttering cost of materials, HOM of machinery, curing etc., complet excluding cost of steel as per MORTH specification No. 1500,1700,2200 including cost of materials, labour, HOM complete as per specifications wall & bottom thickness 15cm						
	2nd Bill						
	Drain Raft						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	1.20	0.15	5.40	
		1	4.00	1.20	0.15	0.72	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	1.20	0.15	5.40	
		1	2.00	1.20	0.15	0.36	
	9th Cross Rd						
	LHS						
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	10.00	1.10	0.15	1.65	
		1	5.70	1.10	0.15	0.94	
		1	9.20	1.10	0.15	1.52	
		1	9.00	1.10	0.15	1.49	
		1	9.20	1.10	0.15	1.52	
		1	2.70	1.10	0.15	0.45	
		1	12.40	1.10	0.15	2.05	
		1	3.20	1.10	0.15	0.53	
		1	7.50	1.10	0.15	1.24	
		1	1.40	1.10	0.15	0.23	
		1	9.60	1.10	0.15	1.58	
	Shabari Nagara						
	1st Cross Rd						

34.98

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

MARTIN ASSOCIATES DATE BANGALORE Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	LHS						
		1	11.00	1.20	0.15	1.98	
		1	6.00	1.20	0.15	1.08	
		1	30.00	1.20	0.15	5.40	
		1	26.00	1.20	0.15	4.68	
		1	12.00	1.20	0.15	2.16	
		1	12.00	1.20	0.15	2.16	
		1	12.00	1.20	0.15	2.16	
		1	30.00	1.20	0.15	5.40	
		1	7.00	1.20	0.15	1.26	
	Culvert Gap	1	6.00			0.00	
		1	30.00	1.20	0.15	5.40	
		1	30.00	1.20	0.15	5.40	
		1	10.00	1.20	0.15	1.80	
	wall						
		2	30.00	0.20	1.30	15.60	
		2	4.00	0.20	1.30	2.08	
		2	30.00	0.20	1.30	15.60	
		2	2.00	0.20	1.30	1.04	
	9th Cross Rd	2	30.00	0.15	0.95	8.55	
		2	30.00	0.15	0.55	4.95	
		2	10.00	0.15	0.55	1.65	
		2	5.70	0.15	0.45	0.77	
		2	9.20	0.15	0.55	1.52	
		2	9.00	0.15	0.45	1.22	
		2	9.20	0.15	0.55	1.52	
		2	2.70	0.15	0.45	0.36	
		2	12.40	0.15	0.55	2.05	
		2	3.20	0.15	0.45	0.43	
		2	7.50	0.15	0.55	1.24	
		2	1.40	0.15	0.45	0.19	
		2	9.60	0.15	0.55	1.58	

34.98

134.19

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

AARTH ASSOCIATES BANGALORE
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	1st Cross Rd	2	11.00	0.15	1.00	3.30	
		2	6.00	0.15	1.00	1.80	
		2	30.00	0.15	1.00	9.00	
		2	26.00	0.15	1.00	7.80	
		2	12.00	0.15	1.00	3.60	
		2	12.00	0.15	1.00	3.60	
		2	12.00	0.15	1.00	3.60	
		2	30.00	0.15	1.00	9.00	
		2	7.00	0.15	1.00	2.10	
		2	6.00	0.15	1.00	1.80	
		2	30.00	0.15	1.00	9.00	
		2	30.00	0.15	1.00	9.00	
		2	10.00	0.15	1.00	3.00	
					Present Qty	**200.79**	**Cum**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor | Consultant | Assistant Engineer | Assistant Exec. Engineer

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 6/11/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	Providing and laying in position plain/reainforced cement concrete M20 for sub structure/ Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with superplasticisers @ 3ltrs confirming to IS 9103-2008, concrete laid in layers, well compacted and providing weep holes wherever necessary with necessary scaffoldingf, formwork etc., including cost of labour, HOM curing etc., complete						
	Culvert Raft						
		1	7.10	2.10	0.20	2.98	
	Shabari Nagara						
	1st Cross Rd						
		1	6.00	1.50	0.20	1.80	
		1	4.00	1.50	0.20	1.20	
	Culvert Wall						
		2	7.10	0.20	1.20	3.41	
	Shabari Nagara						
	1st Cross Rd						
		2	6.00	0.20	1.00	2.40	
		2	4.00	0.20	1.00	1.60	
					Present Qty	**13.39**	**Cum**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

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Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Steel Calculation 2/11/21, 12/02/22, 06/06/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications including all lead and lifts and as per the direction of engineer in charge						
	C.C Drain						
	RK Hegdenagar 1st Main RHS						
	Connected 7th cross road to 8thcross road (main road)						
	Total Drain Length = 34.00m						
	Main Bar 12mm dia @100mm c/c						
	d = 0.89 kg/m						
	Distrubution Bar 10mm dia @150mm c/c						
	d = 0.61 kg/m						
	No of U Bars = 340	340	3.50		0.89	1059.10	
	No of distrubution Bars = 23	23	34.00		0.61	477.02	
	Connected 8th cross road to 8th cross road (main road)						
	Total Drain Length = 32.00m						
	Main Bar 12mm dia @100mm c/c						
	d = 0.89 kg/m						
	Distrubution Bar 10mm dia @125mm c/c						
	d = 0.61 kg/m						
	No of U Bars = 320	320	3.50		0.89	996.80	
	No of distrubution Bars = 23	23	32.00		0.61	448.96	
	9th Cross Road						
	LHS						
	Total Drain Length = 139.90m						
	Main Bar 10mm dia @100mm c/c						
	d = 0.61 kg/m						
	Distrubution Bar 10mm dia @130mm c/c						
	d = 0.61 kg/m						
	No of U Bars = 884	1399	1.80		0.61	1536.10	
	No of distrubution Bars = 14	14	139.90		0.61	1194.75	
	Shabari Nagara						
	1st Cross Rd						
	LHS						
	Total Drain Length = 222.00m						

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Main Bar 10mm dia @100mm c/c						
	d = 0.61 kg/m						
	Distrubution Bar 10mm dia @140mm c/c						
	d = 0.61 kg/m						
	No of U Bars = 2222	1378	2.80		0.61	2353.62	
	No of distrubution Bars = 20	20	222.00		0.61	2708.40	
	Culverts						
	Total Drain Length = 27.1m						
	Main Bar 12mm dia @100mm c/c						
	d = 0.89 kg/m						
	Distrubution Bar 10mm dia @140mm c/c						
	d = 0.61 kg/m						
	No of U Bars = 270	847	2.80		0.89	2110.72	
	No of distrubution Bars = 20	32	27.10		0.61	528.99	
						13414.47	
					Present Qty	**13.41**	**Tn**

Contractor

PMC

Assistant Engineer
Project Division Yelahanka

Assist Executive Engineer
Project Division Yelahanka

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 10/11/21 / 1/12/21 / 22, 12/6/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.						
	2nd Bill						
	RK Hegdenagara						
	1st Main Rd RHS						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	1.20		36.00	
		1	4.00	1.20		4.80	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	1.20		36.00	
		1	2.00	1.20		2.40	
	9th Cross Rd						
	LHS						
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	10.00	0.90		9.00	
		1	5.70	0.90		5.13	
		1	9.20	0.90		8.28	
		1	9.00	0.90		8.10	
		1	9.20	0.90		8.28	
		1	2.70	0.90		2.43	
		1	12.40	0.90		11.16	
		1	3.20	0.90		2.88	
		1	7.50	0.90		6.75	
		1	1.40	0.90		1.26	
		1	9.60	0.90		8.64	
	Shabari Nagara						
	1st Cross Rd						
	LHS						
		1	11.00	0.90		9.90	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor

Consultant

Assistant Engineer

Assistant

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	B S SLAB	1	6.00				
		1	30.00	0.90		27.00	
		1	26.00	0.90		23.40	
	B S SLAB	1	12.00				
		1	12.00	0.90		10.80	
	B S SLAB	1	12.00				
		1	30.00	0.90		27.00	
		1	7.00	0.90		6.30	
	Culvert Gap	1	6.00	0.90		5.40	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	10.00	0.90		9.00	
					Present Qty	377.91	Sqm

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor | Consultant | Assistant Engineer | Assistant Exec. Engineer

Scanned by TapScanner

Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 16/11/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.						
	Culvert Covering Slabs						
		1	7.10	1.80		12.78	
	Shabari Nagara						
	1st Cross Rd						
		1	6.00	1.50		9.00	
		1	4.00	1.50		6.00	
					Present Qty	**27.78**	**Sqm**

limited to 18

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor | Consultant | Assistant Engineer | Assistant Exec. Engineer

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Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 22/11/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete						
	2nd Bill						
	RK Hegdenagara						
	1st Main Rd RHS						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00			30.00	
		1	4.00			4.00	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00			30.00	
		1	2.00			2.00	
						66.00	**m**
					Present Qty	**147.00**	**Nos**

22/11/21

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Contractor

AARTN ASSOCIATES DATE BANGALORE

Consultant

Assistant Engineer

Assistant Exec.

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Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 20/11/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications						
	2nd Bill						
	RK Hegdenagara						
	1st Main Rd RHS						
	kerb benith						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	0.15	0.10	0.45	
		1	4.00	0.15	0.10	0.06	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	0.15	0.10	0.45	
		1	2.00	0.15	0.10	0.03	
	kerb side						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00	0.10	0.30	0.90	
		1	4.00	0.10	0.30	0.12	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00	0.10	0.30	0.90	
		1	2.00	0.10	0.30	0.06	
					Present Qty	**2.97**	cum

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Contractor

AARIEN ASSOCIATES BANGALORE

Consultant

Assistant Engineer

Assistant Exec. E

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Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06

Detailed Measurements

Measurement Recorded On: 24/11/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8						
	2nd Bill						
	RK Hegdenagara						
	1st Main Rd RHS						
	Connecting from 7th Cross to 8th Cross Rd						
		1	30.00		0.35	10.50	
		1	4.00		0.35	1.40	
	Connecting from 8th Cross to 9th Cross Rd						
		1	30.00		0.35	10.50	
		1	2.00		0.35	0.70	
					Present Qty	**23.10**	**Sqm**

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Contractor | Consultant | Assistant Engineer | Assistant Exec. Engineer

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Name of Work: Comprehensive Development of Hegdenagar East Side cross roads and Shabarinagar cross road in Ward No.06							
Detailed Measurements							
Measurement Recorded On: 29/07/22							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	KSRRB M100-4.1: Cost of Haulage including loading and unloading of stone Boulder / Stone aggregates / Sand /Kankar / Moorum KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip including with all lead and lifts, loading and unloading,tools, plants, HOM of machinery, cost of materials, labour and other incidental charges etc., complete as per specification and as per the direction by Engineer in charge of the work.MORTH Chapter 1						
	2nd Bill						
	RK Hegdenagara		same as earth work				
					Present Qty	**598.91**	**Cum**

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Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

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